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Listing first 45 summaries
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4: /SIDS1/gcgdata/geneseg/genesegn-emb1/NA1983.DAT:*

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10369.125 Million cell updates/sec
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ptococcus agalactiae; acterial; gene; ne therapy; ds.	Soybean 240017 reg Soybean 240017 reg Soybean 240017 reg Chemically treated Human gene regulat Signal transductio Tumour suppressor Human chemically p Human immune syste AmEPV genome fragm Chemically pretrea DNA transcription Human angiogenesis plasmodium falcipa chicken leucocytoz Anopheles gambiae Haematopoietic cell Yeast AOD9604-asso Chemically pretrea Human immune syste DNA transcription Human immune syste Human metastasis a Buchnera sp. genome AmEPV genome fragm Sequence encoding Human immune syste C. albicans BAX-as Chemically treated Chemically treated Chemically treated Chemically treated

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CC streptococcus/GBS (Streptococcus agalactiae) or group A streptococcus/GBS (Streptococcus agalactiae) or group A streptococcus/GAS (Streptococcus pyogenes), comprising one of 5483 sequences (S1), given in CC the specification. The proteins have antibacterial and antiinflammatory CC activity. (I), nucleic acids encoding (I), ABN66044-ABN71526 and CC antibodies that bind (I) are used in the manufacture of medicaments for CC the treatment or prevention of infection or disease caused by CC Streptococcus bacteria, particularly S. agalactiae and S. pyrogenes. CC Nucleic acids encoding (I) are used to detect Streptococcus in a CC biological sample. (I) is used to detect Streptococcus in a CC (I). A composition comprising (I) or a nucleic acid encoding (I), may be used as a vaccine or diagnostic composition. The disease caused by CC Streptococcus that is prevented or treated may be meningitis. Nucleic CC acid encoding (I) may be used to recombinantly produce (I) and may be used in gene therapy. Antibodies to (I) are used for affinity CC chromatography, immunoassays, and distinguishing/identifying Streptococcus proteins.
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                                                                                                                    (HOFF/) HOFFMAN S.
(CARU/) CARUCCI D.
(GARD/) GARDNER M.
(VENT/) VENTER J C.
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                                                                                                                                                                                                                                                                              05-NOV-1998;
                                                                                                                                                                                                                                                                                                                                       05-NOV-1999;
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P-PSDB; ABP29048.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   malaria;
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protozóacide; infection; insecticide;
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3.5e-07;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CC (I) and (II) are useful for the development of vaccines against
CC P. falciparum infection. (I) and polyclonal antisera or a monoclonal
CC antibody raised to immunogens comprising the sequences of (I), are
CC useful in the detection of infection with P. falciparum. Furthermore,
CC (I) (especially when they are rifins or secreted or membrane proteins)
CC can aid the identification of drugs to treat or prevent P. falciparum
CC infection, or they can be used to identify drug resistance in
CC P. falciparum. Sequencing of the Plasmodium chromosome 2 and the
CC subsequent identification of proteins encoded by it will help to expand
CC our understanding of parasite biology, a process hampered by the
CC complexity of the parasitic lifecycle, and provide new targets for
CC vaccine and drug development. Parasite resistance to drugs and mosquito
CC resistance to insecticides have led to a resurgence of malaria in many
CC parts of the world, and there is a pressing need for vaccines and new
CC drugs. AAA70078 to AAA70287 and AAB181352 represent nucleotide
CC and protein sequences given in the present invention, but which are not
CC specifically mentioned within the specification.
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Also described are: (1) nucleotide sequences (II) er
vaccines against P. falciparum infection comprising
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
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Plasmodium
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416; Conser
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                                                                                                                                      CTAACTGAGACACAATTGCGTGCGGCTACTCAGTTAGCAATATTATTTTCACTGATAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         encoded by chromosome 2 of the human malarial un falciparum, useful as antimalarial vaccines
ACTTTAGCAGTTGCTAAAATCCTTGTAGAATACGCTCAAGATAGTAATCCTCCACAGCTA
                                                                       ATCAAAAAAGTAATTGAGAAGGGTTACAGGGAAAAAGGACAAGCTATTGAGTATAGTGGT
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of P.falciparum
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                                    - ATTAGGCATGGATGAAGAACAAATGAAAACAAGAAAAAAAGCTCAAAGACCTAAA
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I) encoding (I); a
sing (I) or (II).
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                                       standard;
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01-JUL-2002 (first entry g Q δÃ

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AmEPV genome fragment#5

genetic gene therapy; viral vector;
c deficiency disorder; ds. chromosome mapping; gene mapping;

Amsacta moorei entomopoxvirus.

WO200212526-A2

14-FEB-2002

10-AUG-2001; 2001WO-US25287

10-AUG-2000; 14-SEP-2000; 2000US-224479P 2000US-0662254

(UYFL ) UNIV FLORIDA

Moyer ₽W, Ŀi Ķ Bawden ΑĿ

WPI; 2002-227161/28

Novel recombinant entomopox virus vector useful for delivering polynucleotide encoding protein to vertebrate cell, comprises polynucleotide encoding protein operably linked with heterologous promoter sequence

Disclosure; Page 226-242; 326pp; English.

comprising a polynucleotide encoding a protein operably linked with a heterologous promoter sequence. The invention also concerns methods for providing gene therapy for genetic deficiency disorders. Vectors of the invention are useful for delivering a polynucleotide encoding a protein particle, or by to a vertebrate cell preferably a mammalian cell, such as a hur The vector is introduced into the vertebrate cell by infection The invention relates to a recombinant entomopox virus (EPV) vector VIVO. vector transfection, transduction, is useful for the delivery or injection either in and expression human in cell.

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Matches 427
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ACTGGTTTAGCTGGTGACAGAACTAAAGATTTCCATTTTGAAATTGAATTAAAAAATAAT
                                                                                                                                                                                                                                                                                                                                       CATGGTTTTGGAGACATGAATGATAGTACTTTAGCAGTTGCTAAAAATCCTTGTAGAATAC
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                                                            ATAGAAAATAATTTAAATTTAATCGAATTAAATTTAGATAATAATTATATAAAATAATATA
                                                                                                      ATGGAAGATAAAAAAGAAGTTATACCTGTAACTCATAATTTAACATTGAGAAAAACGGTG
                                                                                                                                               AATTTTAATACTATTGAAGTATTACACTTAAATAATATTGATATAGTAAATATAAATTTT
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Query Match Matches 127;

Local Similarity

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   New nucleic acid fragments from chemically treated angiogenesis associated genes, useful for determin status, e.g. in diagnosis or treatment of cancer
                                                                                                                                                                                single-nucleotide polymorphisms, in anglogenesis-related genes, for diagnosis and treatment of eye diseases, proliferative retinopathy, neovascular glaucoma, solid tumours, inflammation, rheumatoid arthritis, diabetic retinopathy, macular degeneration caused by neovascularisation,
                                                                                                                                                                                                                                                                                     bases of chemically pretreated DNA of angiogenesis associated genes (large sequences (ABQ66971-ABQ67178) or their complements. (I), also related oligomers, are used to evaluate the methylation status and/or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 macular degeneration; antirheumatic; antiari
                                                                              Note: The sequence data for this patent did not specification, but was obtained in electronic for
                                                                                                                                  Crohn's disease.
                                                                                                                                                           psoriasis, arteriosclerosis, inflammatory bowel diseases, ulcers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13-JUN-2002.
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                                           ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                       invention relates to a nucleic acid (I) comprising a segment
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                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 90; 41pp + Sequence Listing; German
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rheumatoid arthritis; diabetic retinopathy; antiulcerds;
eration; inflammatory bowel disease; Crohn's disease;
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by chromosome 2 of the human manarian parasice, recommended to the human manarian parasice, recording (I); and (2) Also described are: (1) nucleotide sequences (II) encoding (II); and (2) vaccines against P. falciparum infection comprising (I) or (II). (I) and (II) are useful for the development of vaccines against P. falciparum infection. (I) and polyclonal antisear or a monoclonal antibody raised to immunogens comprising the sequences of (I), are useful in the detection of infection with P. falciparum. Furthermore, (I) (especially when they are rifins or secreted or membrane proteins can aid the identification of drugs to treat or prevent P. falciparum infection, or they can be used to identify drug resistance in P. falciparum. Sequencing of the Plasmodium chromosome 2 and the subsequent identification of proteins encoded by it will help to expa
                                                                                                                                                                                                                                                     The present invention describes proteins and their fragments (I) encoded by chromosome 2 of the human malarial parasite, Plasmodium falciparum.
                                                                                                                                                                                                                                                                                                                                                         Proteins encoded by chromosome 2 of the human plasmodium falciparum, useful as antimalarial diagnosis of P.falciparum infection -
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) GARDNER M.
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complexity of the parasitic lifecycle, and provide new targets for vaccine and drug development. Parasite resistance to drugs and mosquito resistance to insecticides have led to a resurgence of malaria in many parts of the world, and there is a pressing need for vaccines and new drugs. AAA70078 to AAA70287 and AAB18144 to AAB18352 represent nucleotic and protein sequences given in the present invention, but which are not
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Pred. No. 0.
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                                                                    Matches 294;
                                                                                                 Query Match
Best Local :
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(CARU/) CARUCCI D.
(GARD/) GARDNER M.
(VENT/) VENTER J C.
                                                                                                                                                                                                                                             vaccine and drug development. Parasite resistance to drugs and mosquito resistance to insecticides have led to a resurgence of malaria in many parts of the world, and there is a pressing need for vaccines and new drugs. AAA70078 to AAA70287 and AAB18144 to AAB18352 represent nucleotide and protein sequences given in the present invention, but which are not specifically mentioned within the specification.
                                                                                                                                                                                                                                                                                                                                                                                                                                   (I) (especially when they are rifins or secreted or membrane proteins) can aid the identification of drugs to treat or prevent P. falciparum infection, or they can be used to identify drug resistance in P. falciparum. Sequencing of the Plasmodium chromosome 2 and the subsequent identification of proteins encoded by it will help to expand our understanding of parasite biology, a process hampered by the complexity of the parasitic lifecycle, and provide new targets for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       by chromosome 2 of the human malarial parasite, Plasmodium falciparum. Also described are: (1) nucleotide sequences (II) encoding (I); and (2) vaccines against P. falciparum infection comprising (I) or (II). (I) and (II) are useful for the development of vaccines against P. falciparum infection. (I) and polyclonal antisera or a monoclonal antibody raised to immunogens comprising the sequences of (I), are useful in the detection of infection with P. falciparum. Furthermore, and the detection of infection with P. falciparum.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Proteins encoded by chromosome 2 of the human Plasmodium falciparum, useful as antimalarial diagnosis of P.falciparum infection -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Disclosure; Page 460-462; 577pp; English
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antimalarial; malaria; protozoacide;
                                                                                                                                                                                            Sequence
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                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    present invention describes proteins and their fragments (I) encoded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1888
      5940 BP; 3106 A; 343 C; 879 G; 1612 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAATCAACAAAAAATGAACT 11180
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                                                                    Conservative
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                                                                                                 Score 53.8; DB Pred. No. 0.046;
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                                                                                                                           DB 21;
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and in the
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25-MAY-2000;
09-JUN-2000;
18-JUL-2000;
                                                                                                                                                                                                                                                                                                                                               23-AUG-2001
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   (MILL-) MILLENNIUM PREDICTIVE MEDICINE
                                                                 13-DEC-2000;
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Human; prostate pharmacogenomic
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                                                                                                                                                            20-FEB-2001; 2001WO-US05171
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                                                                                                                                                                                                                                                                                                                                          cancer;
marker;
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gene; ss.
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(d) assessing t
in a patient;
(e) selecting a
(f) assessing t
(g) determining
(h) assessing t
    Glycine
                                            Soybean; antihelmintic; gene therapy; soybean cyst nematode; SCN resistance; rhg1; Rhg4; SCN resistant allele; plant breeve 240017 region G3; 318013 region A3; 515002 region G2; ds.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       a nucleotide sequence given in Tables 1-9 (ABV00010-ABV62213) of t specification or its complement. (I) is useful for:

(a) assessing whether a patient is afflicted with prostate cancer;

(b) monitoring the progression of prostate cancer in a patient;

(c) assessing the efficacy of a test compound to inhibit prostate cancer in a patient;

(d) assessing the efficacy of a therapy for inhibiting prostate cancer in a patient;

(d) assessing the efficacy of a therapy for inhibiting prostate cancer.
                                                                                                                                                    Soybean
                                                                                                                                                                                                16-0CT-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 1; Page 1602; 11750pp; English
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Schlegel
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has metastasized in a patient;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            New purified nucleic acid for producing a soybean plant having soybean cyst nematode resistance and for use in plant breeding programs - \,
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P-PSDB; AAM42214.
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AAAAAATGACTTTAAAGTCATAGAAAAAAAAAAAACTTACAACTTCAAAGTGGTAAGTTCA
                                                                                       CAGAAGGTTATTCTTACCTTGTCAAAGAAACAGATTCTGAAGGCTATAAGGTTAAAGTTA
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                                                                                                                                                                              CGGTGACTGGTTTAGCTGGTGACAGAACTAAAGATTTCCATTTTGAAATTGAATTAAAAA 1891
                                                                                                                                                                                                                                                                                                Page 204-400; 1353pp; English.
                           ATAGCCAAGAAGTAGCAAATGCTACAGTTTCAAAAACAGGAATAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Soybean; antihelmintic; gene therapy; soybean cyst nematode; SCN; scN resistance; rhg1; Rhg4; SCN resistant allele; plant breeding; 240017 region G3; 318013 region A3; 515002 region G2; ds.
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AAAAAATGACTTTAAAGTCATAGAAAAAAAAAAAAACTTACAACTTCAAAGTGGTAAGTTCA
                         CAGAAGGTTATTCTTACCTTGTCAAAGAAACAGATTCTGAAGGCTATAAGGTTAAAGTTA
                                                                                                              CGGTGACTGGTTTAGCTGGTGACAGAACTAAAGATTTCCATTTTGAAATTGAATTAAAAA
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                                                        AAAACAAAAAAGAAAATACAAGTAAATAAAAATCCTAAAACAAAAAACTTTAAACATGAA
                                                                                   AAGATGGTAAAGCAACCATTAATTTAAAACATGGGGAAAGTTTAACACTTCAAGGTTTAC
                                                                                                                                                                     Wang ML,
                                                                                                                                                                                                                                                                                                                                             Conservative
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Pred. No. 0.2;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                   53027 G; 114906 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 a soybean plant having soybean plant breeding programs -
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RESULT 11
ABL70331/
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                                                                                                                                               The invention relates to a nucleic acid comprising 18 bases of a segment of chemically pretreated DNA
                                                                                                                                                                                           Nucleic acid, useful for diagnosis and therapy of diseases associated with cell signalling e.g. cancer, comprises chemically modified genomic sequences of genes associated with cell signalling \, -
                                                                                                                                                                                                                                                                                         30-JUN-2000;
01-SEP-2000;
                                                                                                                                                                          Claim 1; SEQ ID NO 221; 24pp+sequence listing; English
                                                                                                                                                                                                                                                                                                                                                                                                    Cell signalling;
                                                                                                                                                                                                                                                                                                                                                                                                                       Chemically treated cell signalling DNA sequence #111.
                                                                                                                                                                                                                                    WPI;
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                                                                                                                                                                                                                                                                                                                                                                           Unidentified
                                                                                                                                                                                                                                                                                                                                                                                              cancer;
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                                                                                                                                                                                                                                                                      (EPIG-) EPIGENOMICS
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                                                                                                                                                         a sequence of at least
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18 bases of a segment of chemically pretreated DNA of genes associated with cell signalling. The activity of the modified sequences of the invention may be described as cytostatic. The object of the invention is to provide the chemically modified DNA of genes associated with cell signalling, as well as oligonucleotides and/or PNA-oligomers for detecting cytosine methylations, as well as a method which is particularly suitable for the diagnosis and/or therapy of genetic and epigenetic parameters of genes associated with cell signalling. The chemically modified DNA provided by the invention is useful for diagnosis and therapy of diseases such as solid tumours and cancer. The sequences given in records ABL7011-ABL70626 represent chemically pre-treated genomic DNA's of genes associated with cell signalling. Note: The sequence data for this patent is not represented in the printed expectification, but is based on sequence information supplied by the European Patent Office.

Sequence 8210 BP; 2370 A; 76 C; 1595 G; 4169 T; 0 other

Ş В Query Match Best Local : Matches 1784 ATAAAAAAGTTATACCTGTAACTCATAATTTAACATTGAGAAAAACGGTGACTGGTT 210; Similarity AAATTAAACCATATTTTTACGTCACTCCACAATTTAAAAATTTAAAAACCAATCTTTCTCATA 2.3%; 46.3%; 0 Score 52.8; Pred. No. 0. Mismatches .083; DB 24; 242; Indels 2; Gaps 4613 1843

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AATTGCTTTCTCAAACTGTTAAAACAGATAAAACAAACCTCGAATTTAAAGATGGTAAAG TACTTATTATAAAAAATAAAAACCTTAATTTTTATAAAAATTTATAAACCTTTAATTCAA TAGCTGGTGACAGAACTAAAGATTTCCATTTTGAAATTGAATTAAAAAATAATAAGCAAG

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07-APR-2000;
30-JUN-2000;
                       18 bases
selected
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                                                                                                                                                                                                                                                                                                                                                                                                                                            cardiac damage; inflammatory response; Haemophilia; Werner syndrome; asthma; HDR syndrome; congenital heart defect; Saethre-Chotzen syndrome renal disease; Preeclampsia; cardiac allograft vascular disease;
chemical pu
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                                                                          Disclosure;
                                                                                                            New nucleic acid sequences from chemically modified genes associated with gene regulation, useful for analysing cytosine methylations for diagnosis and therapy of diseases e.g. severe combined immunodeficiency
                                                                                                                                                                                                                  (EPIG-)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human; Gene regulation-associated gene;
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                                                                                                                                                                                                                                                                                                                                                                                                          nephrotropic;
          invention relates to 224 nucleic acid sequences comprising at least bases of a chemically pretreated gene associated with gene regulation ected from 43 known genes (or complementary sequences). The mical pretreatment converts cytosine bases unmethylated at the
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base with hybridisation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     dissimilar to cytosine, to enable analysis of cytosine methylations. The DNA sequences, oligomers (or sets/arrays) and method are useful in the diagnosis of diseases (or predisposition to diseases) associated with gene regulation and in therapy of such diseases, by cenabling analysis of the cytosine methylation patterns of such genes, cand therapy of e.g. severe combined immunodeficiency disease, cardiac and therapy of e.g. severe combined immunodeficiency disease, cardiac disorders, haemophilia, solid tumours and cancer, Werner syndrome, asthma, HDR syndrome, Saethre-Chotzen syndrome, renal disease, preeclampsia, graft versus-host disease. The present sequence is a sequence included in the sequence data for this specification and is associated with the human gene regulation-associated genes. Note: The sequence data for this specification and is associated with the human gene regulation-associated genes.
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                                                          Human; signal transduction associated gene, CpG island; signal transduction associated antitumour; cytostatic; mutant; ds.
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                                                                                                                                                         23-APR-2002
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Synthetic Homo sapiens

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Best Local S
Matches 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               signal transduction associated genes. The DNA sequences are chemically condified using a solution of bisulphite, hydrogen sulphite or disulphite. Also disclosed are oligonucleotides and/or PNA oligomers for detecting the cytosine methylation state (Cpc islands) of these genes, and a method for the diagnosis and/or therapy of genetic and epigenetic parameters of genes associated with signal transduction. The genomic DNA can be obtained from cells or cellular components which contain DNA, e.g. cell lines, biopsies, blood, sputum, stool, urine, cerebral-spinal fluid, tissue embedded in paraffin such as tissue from eyes, intestine, kidney, brain, heart, prostate, lung, breast or liver, histologic object slides, and all their possible combinations. The sequences of the invention are useful for the diagnosis and therapy of claseases associated with signal transduction e.g. solid tumours and cancer. ABK31158-ABK31545 represent chemically pretreated genomic DNA sequences of different genes associated with signal transduction, or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8210 BP;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 1; SEQ ID No 223;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Oligonucleotide for diagnosis and therapy of diseases associated with signal transduction e.g. cancer, comprises chemically modified genomic sequences of genes associated with signal transduction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Note: The sequence data for this patent did not form part of the specification, but was obtained in electronic format directly fro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     30-JUN-2000; 2000DE-1032529
01-SEP-2000; 2000DE-1043826
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     European Patent Office
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      their complementary sequences.
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                                                                                                                                                                                                                                                                                                                                         TAGCTGGTGACAGAACTAAAGATTTCCATTTTGAAATTGAATTAAAAAAATAATAAGCAAG
AAATAATAAAGAGCCTGTTGTTCCTACAGGAGTTGATCAAAAGATCAATGGCTATCTAGC
                                                                                                                                                                                                           CAACCATTAATTTAAAACATGGGGAAAGTTTAACACTTCAAGG--TTTACCAGAAGGTTA
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                                  AGTAGCAAATGCTACAGTTTCAAAAACAGGAATAACAAGTGATGAGACACTTGCTTTTGA
                                                                                                      TTCTTACCTTGTCAAAGAAACAGATTCTGAAGGCTATAAGGTTAAAGTTAATAGCCAAGA
                                                                                                                                                                            AACATATATCATCCTTACCTAAAAAAACAAAAATACCACAATACCTTCACTATAACAAAT
                                                                                                                                                                                                                                                 Piepenbrock C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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Pred. No. 0.08
0; Mismatches
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                                                                                    The invention relates to a nucleic acid comprising a sequence of 18 classes, of a segment of chemically pretreated DNA (CP DNA) e.g. with Disabes, of a segment of chemically pretreated DNA (CP DNA) e.g. with concogenes having a sequence taken from 536 (actually 533 since numbers 408, 458 and 500 are missing from the sequence listing) sequences (Ss) and sequences complementary to (Ss). The nucleic acid may be a peptide nucleic acid-oligomer (PNA) of at least 9 nucleotides and may form part of a set of probes for detecting the cytosine methylation state and/or single nucleotide polymorphisms and also to be used in an example of a secretaining genetic polymorphisms and also to be used in an example of existing diseases associated with CpG dinucleotides e.g. cancers and tumours. The probes can also be used in a method for ascertaining genetic and/or epigenetic parameters for the diagnosis and/or therapy of existing diseases or the predisposition to specific diseases, by analysing cytosine methylations. The parameters may be compared to another set of genetic and/or epigenetic parameters, the differences serving as basis for diagnosis and/or prognosis events which are disadvantageous to patients. The present sequence is one of the concorners.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WPI;
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30-JUN-2000;
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cancer; tumour; CpG dinucleotide; single-nucleotide polymorphism;
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             ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                         of chemically modified genes associated with tumour suppressor oncogenes, useful in designing primers and probes for diseases associated with cytosine methylation state e.g.
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2000DE-1019173.
2000DE-1032529.
2000DE-1043826.
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                                                                                                                                                                                                                                                                                      Human; ds; bisulphite treatment; CpG; DNA methylation; cancer; tumour; cytostatic; ALDH6; CYP11A; CYP11B1; CYP3A3; DPYD; EPHX2; OCLN; TXNRD1; UGT8; MRP; pharmacogenomics; SNP; single nucleotide polymorphism.
                                              30-JUN-2000;
01-SEP-2000;
  (EPIG-)
                                                                                                                29-JUN-2001;
                                                                                                                                                          10-JAN-2002
                                                                                                                                                                                                       WO200202806-A2
                                                                                                                                                                                                                                                                                                                                                                                  Human chemically pretreated gene
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                                            2000DE-1032529
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46.7%;
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CC and therapy of solid tumours and cancer. The present sequence complement is useful for diagnosis and their complement.

CC represents one the 87 DNA sequences or its complement.

CC of the printed specification, but was obtained in electronic format directly from WIPO at the complement.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6106 BP; 1938 A; 30 C; 849 G; 3289 T; 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Claim 1; SEQ ID No 113; 24pp; English.
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                       CAACCATTAATTTAAAACATGGGGAAAGTTTAACACTTCAAGGTTTACCAGAAGGTTATT
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                                                                 AATTGCTTTCTCAAACTGTTAAAACAGATAAAACAAACCTCGAATTTAAAGATGGTAAAG
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46.78;
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